

DETAILED ACTION

1. This office action is a response to applicant's amendment filed 11/03/2009. In virtue of this amendment, claims 1-5 are canceled; thus, claims 6-10 are currently in the instant application.

Interview Summary

2. Examiner contacted applicant's representative, James F. Goedken (Registration No. 44,715), on January 11, 2010 for discussing about a proposed amendment. Examiner suggested applicant's representative to clarify the claimed language of claim 6 in order to place the application in condition for allowance. Applicant's representative agreed to authorize examiner to clarify the claimed language of the claim 6 (i.e., adding the limitation "wherein the two transmitter/receiver antenna branches act as transmitting elements and receiving elements" in claim 6) in Examiner's amendment.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with James F. Goedken on January 11, 2010.

The claim has been amended as follows:

Claim 6 (Currently Amended) An antenna structure having a substantially flat

form with a ground connection, which is designed for use for at least two frequency bands, comprising:

two transmitter/receiver antenna branches, which are electrically conductively connected to a foot area, wherein the foot area surrounds the ground connection;

two RF supply connections that are arranged at a distance from one another, provided in the foot area, between which the ground connection is provided, wherein the two transmitter/receiver antenna branches of the antenna structure are designed such that the two transmitter/receiver antenna branches are associated with overlapping frequency bands; and

an excitation circuit with an RF supply line, which branches to the two RF supply connections;

wherein the two transmitter/receiver antenna branches act as transmitting elements and receiving elements.

Allowable Subject Matter

4. Claims 6-10 are allowed.
5. The following is an examiner's statement of reasons for allowance:

Prior art fails to disclose an antenna structure having a substantially flat form with a ground connection, which is designed for use for at least two frequency bands, comprising:

two transmitter/receiver antenna branches, which are electrically conductively connected to a foot area, wherein the foot area surrounds the ground connection;

wherein the two transmitter/receiver antenna branches of the antenna structure are designed such that the two transmitter/receiver antenna branches are associated with overlapping frequency bands; and

wherein the two transmitter/receiver antenna branches act as transmitting elements and receiving elements, in combination with the remaining claimed limitations as in claim 6 (claims 7-10 are allowed since they are dependent on claim 6 .

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Inquiry

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to DIEU HIEN T. DUONG whose telephone number is 571-272-8980. The examiner can normally be reached on Monday - Friday, from 8:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W. Owens can be reached on 571-272-1662. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

01/11/10
/D. T. D./
Examiner, Art Unit 2821

/Douglas W Owens/
Supervisory Patent Examiner, Art Unit 2821
January 15, 2010